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COMMONWEALTH OF AUSTRALIA
PATENT SPECIFICATION

Complete Specification Lodged 4th May, 1954.

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Classification 81.5.

Drawing attached.

COMPLETE SPECIFICATION.

"IMPROVEMENTS IN OR RELATING TO DOOR FRAMES FOR
BUILDING CONSTRUCTION."

The following statement is a full description of this invention, including the best method of performing it known to us:-

This invention relates to door frames for building constructions.

Said improved door frame for building construction is formed into two units one of said units overlying the other unit to such an extent to meet the varying thicknesses of wall, as well also to provide stability in securing said units together without the use of fastening means for such purpose, the first one of such units having a pair of diagonally disposed rebates and also usual jamb, the door taking into one of said rebates, and the second one of said units taking into the other rebate of the first unit, the said second unit being a plain frame whose thickness is equivalent to the depth of the rebate of the first unit in which it takes.

Other features of the invention are hereinafter referred to.

The invention will be described further in detail and by way of example with reference to the accompanying drawings, in

1.

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which:- Figs. 1 and 2 are perspective views of a door frame formed into two separate units;

Fig. 3 is a similar view showing the two units placed together thereby forming a complete door frame;

Fig. 4 is a sectional plan on plane 4-4, Fig. 3 and placed into a door opening;

Figs. 5 and 6 are fragmentary perspective views of the two separate units, each fitted with architraves; and

Fig. 7 is a sectional plan showing the door with architraves in position.

Ordinarily a door frame is a complete unit, but, according to this invention, the door frame is divided into two units. One unit 1 is formed with a pair of diagonally disposed rebates 3 and 4 and provided with the usual jamb 5. Adapted to take into the rebate 3 is the door 6. Unit 2 takes into the rebate 4, the unit 2 consisting of a plain frame whose thickness is equivalent to the depth of the rebate 4 and projects as at 7 beyond the jamb 5 whereby another rebate 8 is formed.

In erecting the improved door frame (Fig. 4) unit 1 is placed into the door opening 9 so that its outer edge 10 is flush with the surface of the wall 12 and secured therein in well known manner. The unit 2 is then placed into position taking into the rebate 4 whereby its outer edge 13 will be flush with the surface 14 of the wall 12 and secured therein in well known manner. It is obvious that by such assembly any varying thicknesses of the wall can be overcome by adjustment of the unit 2 within the rebate 4.

Referring to Figs. 5 to 7, in these are shown how the erection of the units 1 and 2 can be carried out expeditiously. Each of the units 1 and 2 in said drawings is shown with its architrave 15 firmly secured thereto. Unit 1 is inserted into the door opening 9 with its architrave 15 taking against the adjacent surfaces of the wall 12 and secured in position in well known manner. The other unit 2 is then inserted into rebate 4 of unit 1 and its architrave 15 takes against the adjacent surface of the wall 12 and secured in position in well known manner.

If desired, a screen door 16 (Fig. 4) can take into the rebate 8 as before described.

The claims defining the invention are as follows:-

1. Door frame for building construction formed

into two units one of said units overlying the other unit to such an extent to meet the varying thicknesses of wall, as well also to provide stability in securing said units together without the use of fastening means for such purpose; the first one of such units having a pair of diagonally disposed rebates and also usual jamb, the door taking into one of said rebates, the second one of said units taking into the other rebate of the first unit, the said second unit being a plain frame and whose thickness is equivalent to the depth of the rebate of the first unit in which it takes. (4th May, 1954).

2. Door frame according to Claim 1, in which the second unit takes into the said rebate of the first unit so that it will project beyond the jamb whereby an independent rebate is formed. (4th May, 1954).

3. Door frame according to Claim 2, in which a screen door can be fitted into the independent rebate. (4th May, 1954).

4. Door frame constructed and arranged and adapted for erection and assembly in relation to a door opening of a building substantially as hereinbefore described with reference to and as shown in the accompanying drawings. (4th May, 1954).

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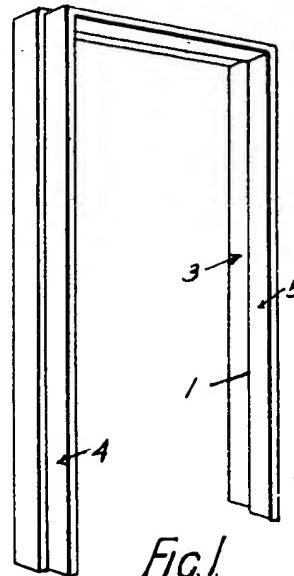


FIG.1

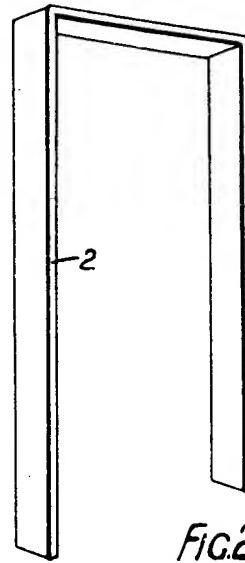


FIG.2.

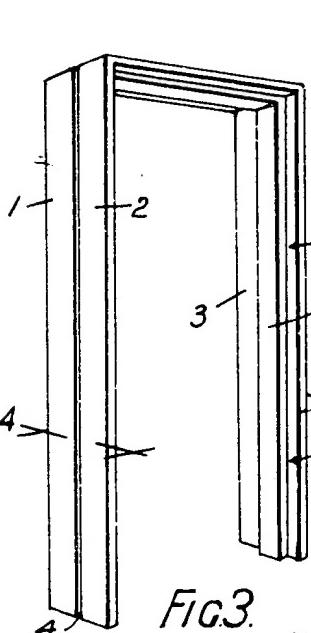


FIG.3.

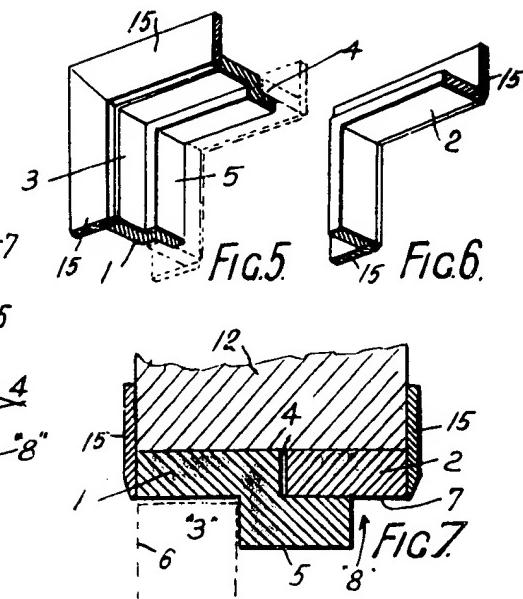


FIG.5 FIG.6

FIG.7

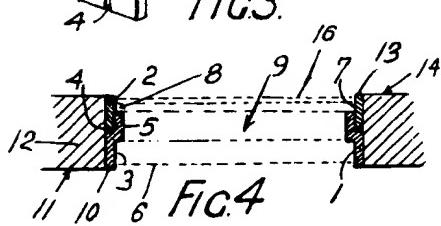


FIG.4